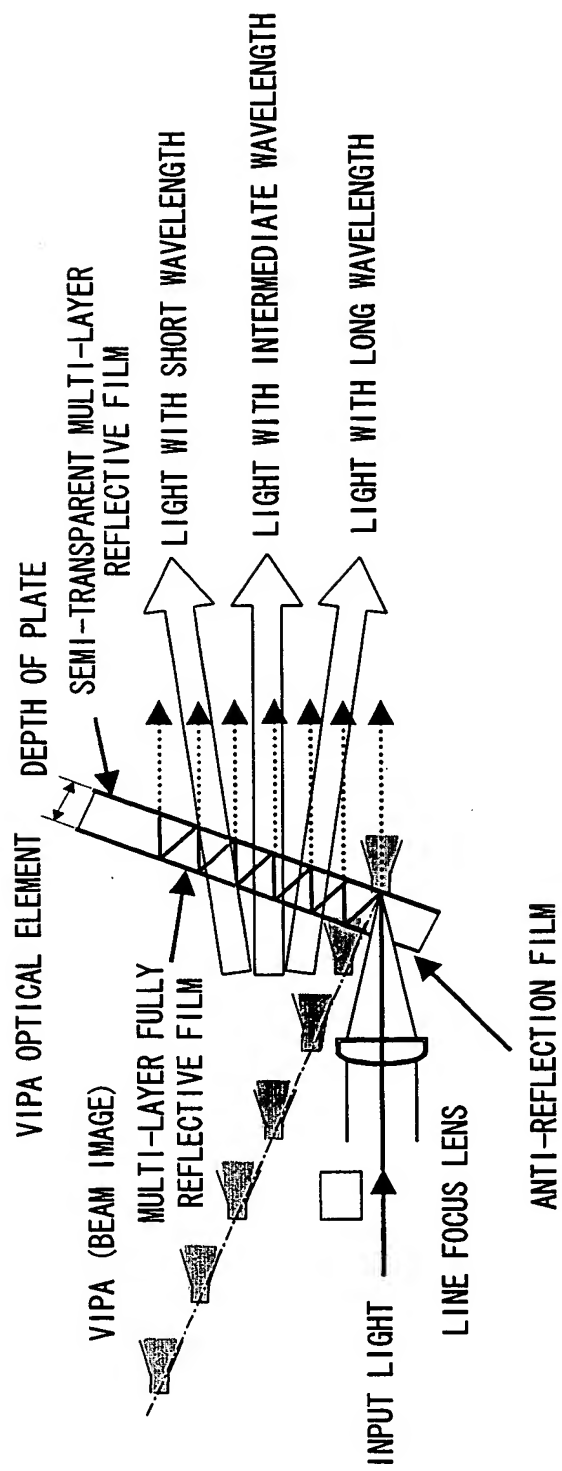


FIG. 1 PRIOR ART



F I G. 2 P R I O R A R T

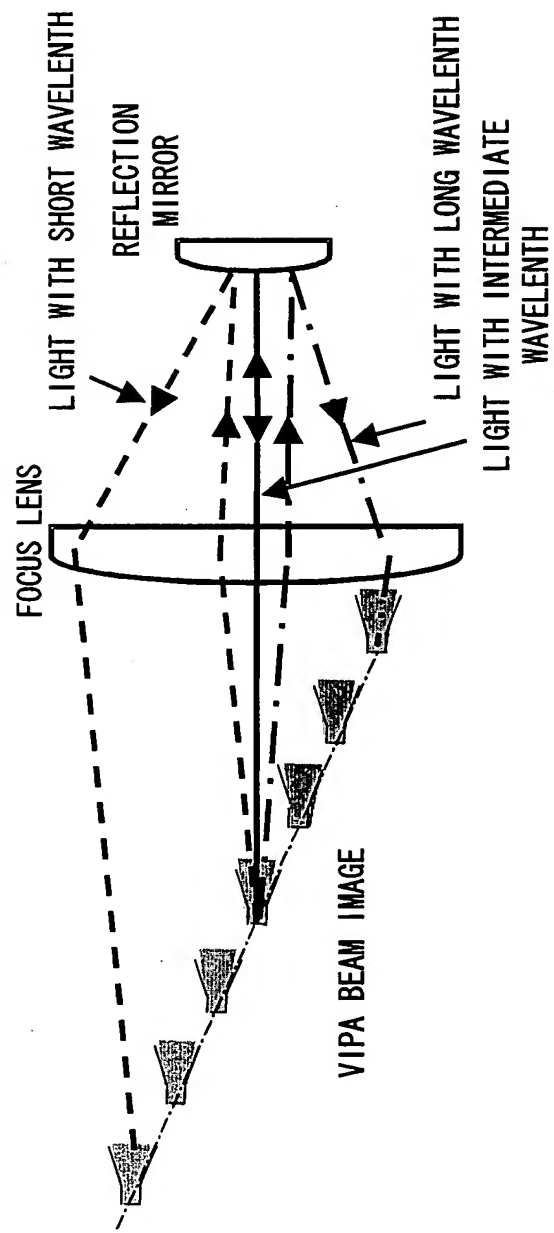


FIG. 3 PRIOR ART

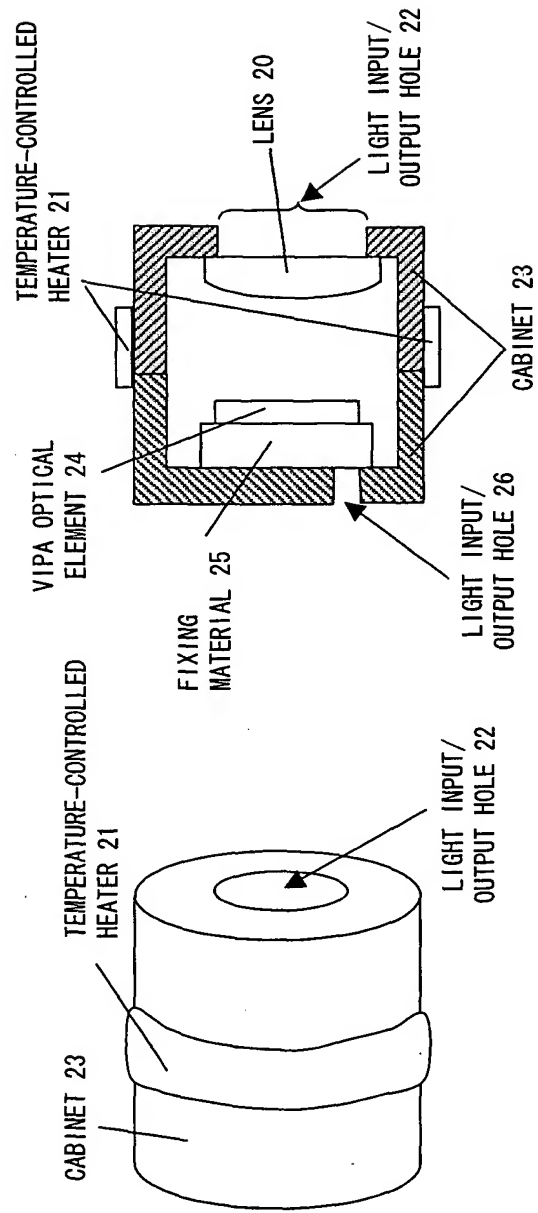


FIG. 4B

FIG. 4A

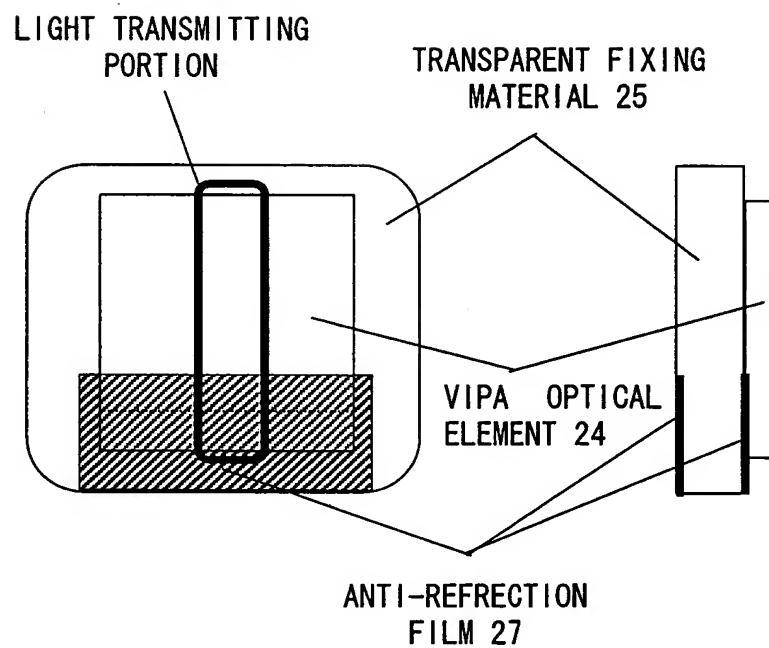
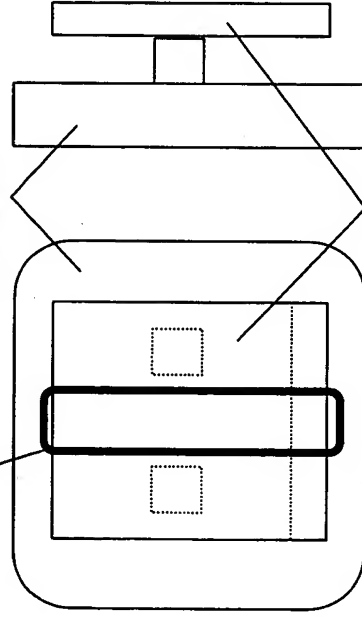


FIG. 5

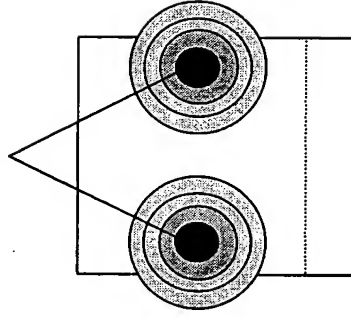
TEMPERATURE INCONSISTENCIES OCCUR
AROUND THE FIXED POINTS IN THE SHAPE
OF CONCENTRIC CIRCLE.

LIGHT TRANSMITTING
PORTION

FIXING MATERIAL



VIPA OPTICAL
ELEMENT



TOP VIEW

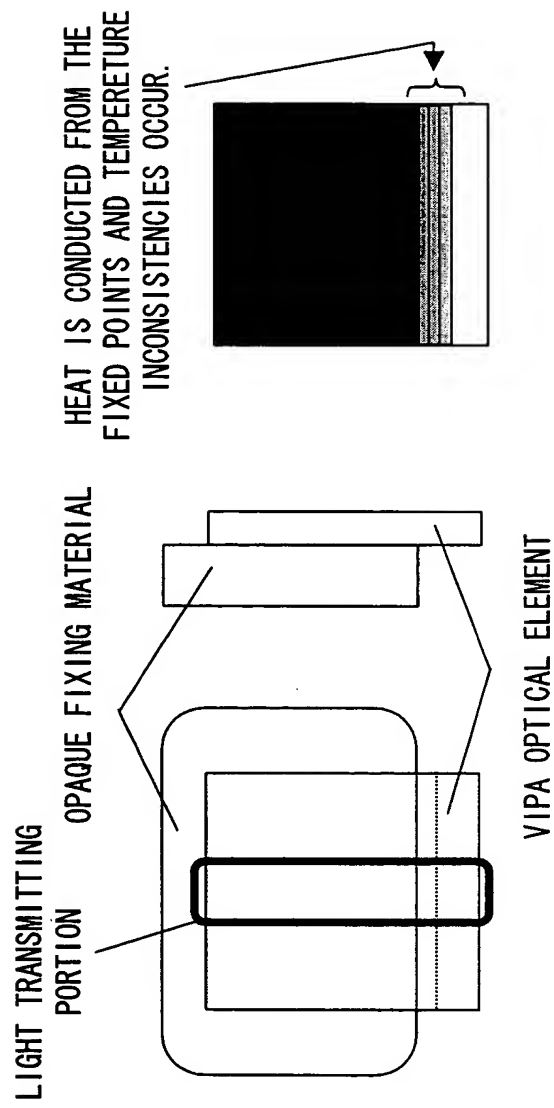
SECTION VIEW

SHOWING TEMPERATURE
DISRIBUTION

FIG. 6 A

FIG. 6 B

FIG. 6 C



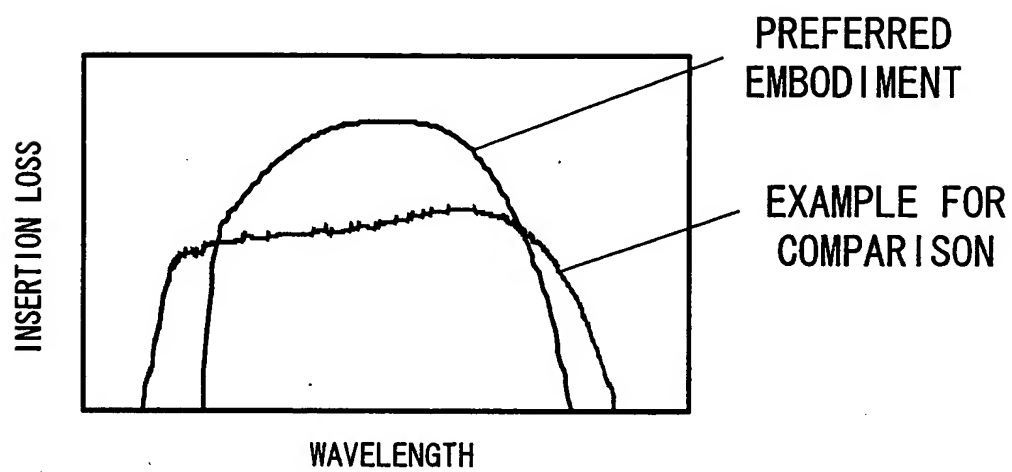
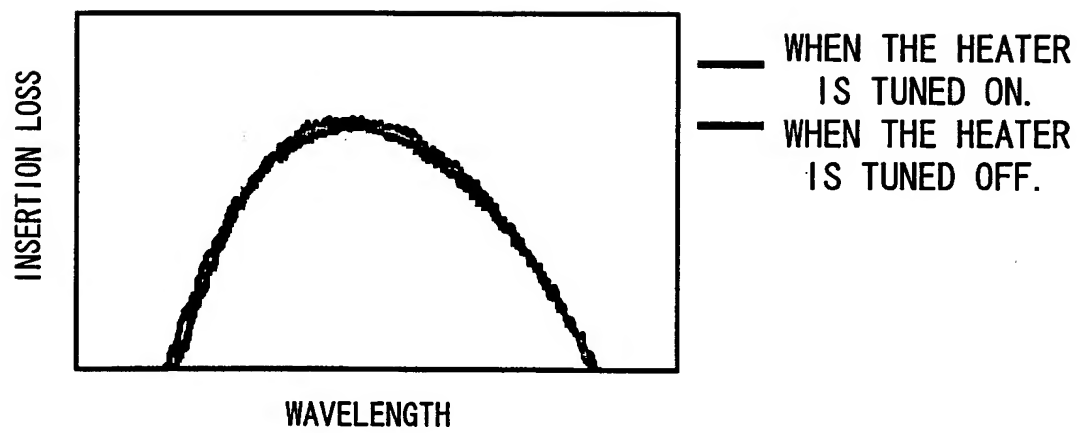


FIG. 8



F I G. 9

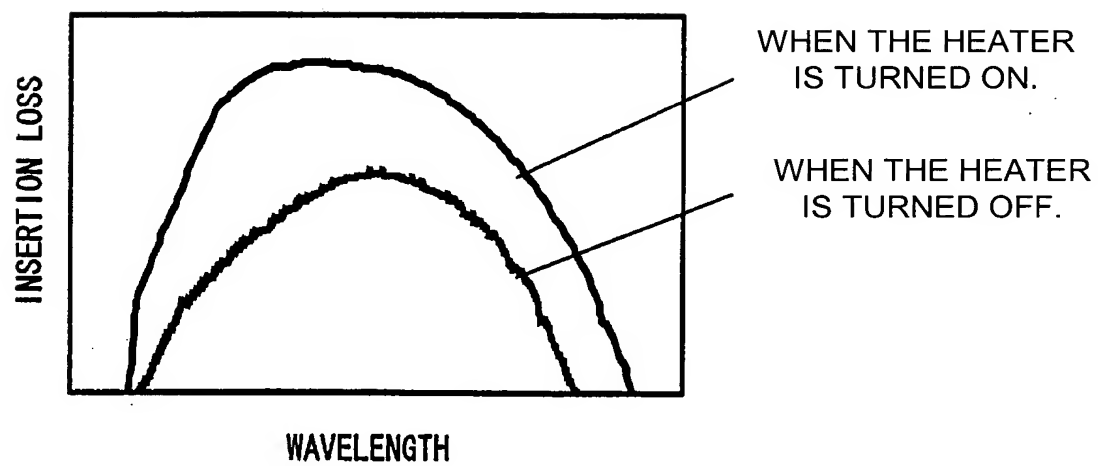


FIG. 10

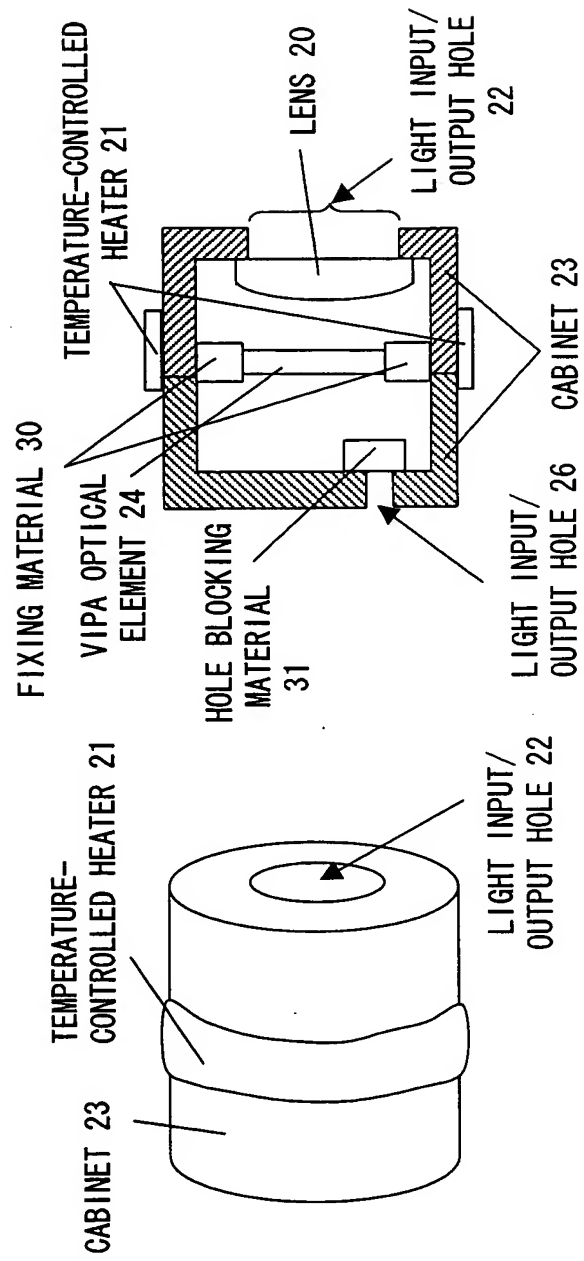
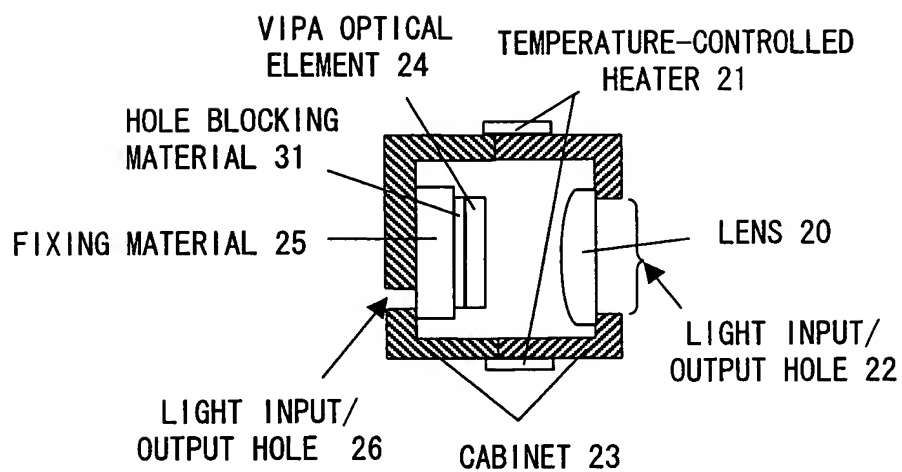


FIG. 11A

FIG. 11B



CROSS SECTION DIAGRAM

FIG. 12